

ABSTRACT

An apparatus and method for efficiently collecting data at a remote device with a device that is able to use both analog and digital signals, especially those that are compliant with serial data interface twelve (SDI-12) protocol. The collected data is compressed into a packet and sent to a base station where it is made available. Additionally, the present invention is able to produce alarms in response to the detection of an alarm condition. This data is able to be viewed from virtually anywhere.